

WHAT IS CLAIMED IS:

1. A color image display system comprising:

a plurality of partial color image display means
for displaying partial color images to be synthetically
5 displayed as a color image of one frame, on the basis
of display color image data; and

image data conversion means for converting input
color image data into the display color image data on
the basis of color reproduction characteristics of said
10 plurality of partial color image display means.

2. A system according to claim 1, wherein said
image data conversion means further comprises color
reproduction characteristic acquisition means for
acquiring the color reproduction characteristics of
15 said plurality of partial color image display means.

3. A system according to claim 2, wherein said
color reproduction characteristic acquisition means
comprises at least one of a spectrophotometer, image
sensing means, a colorimeter, and an illuminance meter.

20 4. A system according to claim 1, wherein each of
said plurality of partial color image display means
comprises a multi-primary-color display having at least
four primary colors.

5. A system according to claim 1, wherein said
25 image data conversion means corrects a bias of the
input color image data so as to display the partial
color images on a predetermined set bias in said

plurality of partial color image display means, thereby converting the input color image data into the display color image data.

5 6. A system according to claim 1, wherein said image data conversion means converts the input color image data into the display color image data so as to display, at a predetermined ratio in an overlap region, the partial color images contained in the overlap region between the partial color images displayed by
10 said partial color image display means.

 7. A color image display system comprising:
 a plurality of partial color image display means for displaying partial color images to be synthetically displayed as a color image of one frame, on the basis
15 of display color image data; and

 image data conversion means for correcting a bias of input color image data so as to display the partial color images on a predetermined set bias in said plurality of partial color image display means, thereby
20 converting the input color image data into the display color image data.

 8. A system according to claim 7, wherein each of said plurality of partial color image display means comprises a multi-primary-color display having at least
25 four primary colors.

 9. A color image display system comprising:
 a plurality of partial color image display means

for displaying partial color images to be synthetically displayed as a color image of one frame, on the basis of display color image data; and

5 image data conversion means for converting input color image data into the display color image data so as to display, at a predetermined ratio in an overlap region, the partial color images contained in the overlap region between the partial color images displayed by said partial color image display means.

10 10. A system according to claim 9, wherein each of said plurality of partial color image display means comprises a multi-primary-color display having at least four primary colors.

11. A color image display system comprising:
15 a plurality of partial color image display means for displaying partial color images to be synthetically displayed as a color image of one frame, on the basis of display color image data; and

20 image data conversion means for converting input color image data into the display color image data so as to correct color nonuniformities in the partial color images displayed by said partial color image display means.

25 12. A system according to claim 11, wherein each of said plurality of partial color image display means comprises a multi-primary-color display having at least four primary colors.

13. A color image display system comprising:

a plurality of partial color image display means
for displaying partial color images to be synthetically
displayed as a color image of one frame, on the basis
5 of display color image data; and

image data conversion means for converting input
color image data into the display color image data to
be input to said partial color image display means,

wherein said partial color image display means
10 display the partial color images with display luminance
lower in an overlap region between the partial color
image displayed by one partial color image display
means and the partial color image displayed by the
other partial color image display means than in a
15 remaining region.

14. A system according to claim 13, wherein each
of said plurality of partial color image display means
comprises a multi-primary-color display having at least
four primary colors.